Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 5-7, 9, 10, and 12-14.

Attachment:

Replacement Sheets

Annotated Sheets Showing Changes

Attorney Docket No. 81716.0122

Patent Application No. 10/810,309

REMARKS:

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Entry of the Amendment made herein prior to examination is requested. Minor non-

substantive changes are made to the both the specification and drawings. The term "half value

width" was changed to --FWHM (TILT)--. "Surface state" was changed to --surface

morphology--. "Seconds" was changed to --arcseconds--. In Figure 12, "ZrB2 Board" was

changed to --ZrB₂ Substrate--. No new matter is added. Claims 1-32 are pending in the

application. Examination and consideration of the application, as amended, are respectfully

requested.

If for any reason the Examiner finds the application other than in condition for allowance.

the Examiner is requested to call the undersigned attorney at the Los Angeles, California

telephone number (213) 337-6810 to discuss the steps necessary for placing the application in

condition for allowance.

If there are any fees due in connection with the filing of this response, please charge the

fees to our Deposit Account No. 50-1314.

Respectfully submitted,

HOGAN & HARTSON L.L.P.

Date: March 21, 2005

Registration No. 44,228 Attorney for Applicant(s)

500 South Grand Avenue, Suite 1900 Los Angeles, California 90071

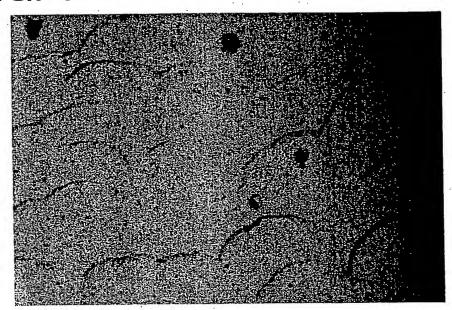
Phone: 213-337-6700

Fax: 213-337-6701

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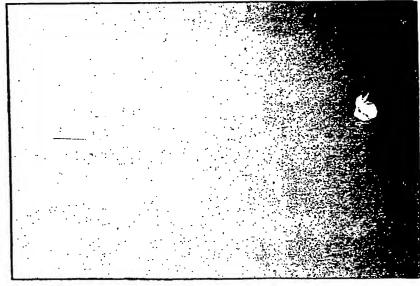


FIG. 5



SURFACE STATE B (250 μ m × 190 μ m) MORPHOLOGY

FIG. 6



SURFACE STATE A (250 μ m × 190 μ m) MORPHOLOGY

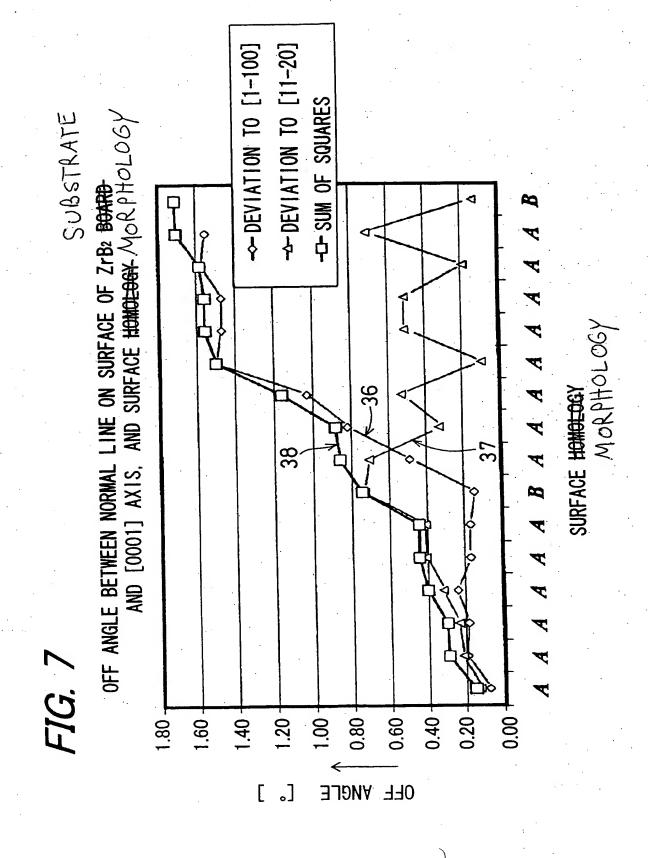
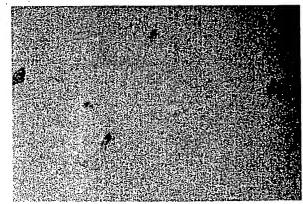


FIG. 9

(1) (5) 873 SECONDS 400°C 0.8
ARCSECONDS 1100°C OR MORE 0.25 (3) **(2)** 760 SECONDS ARCS ECONOS 596 SECONDS ARCSECONDS 850°C 0.5 725°C 0.6 (4)



925°C 0.4 -



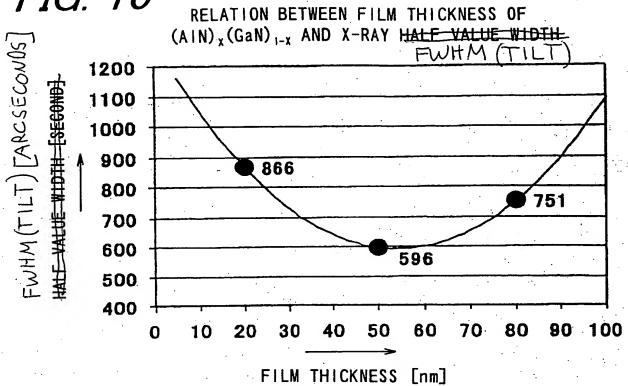
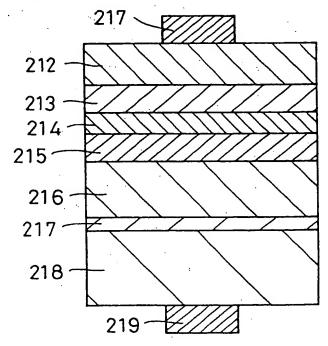


FIG. 11



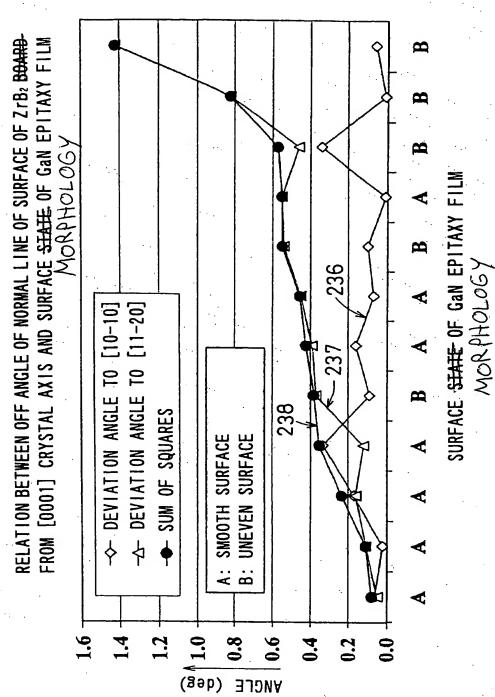
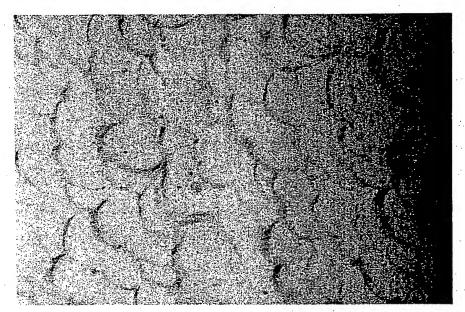
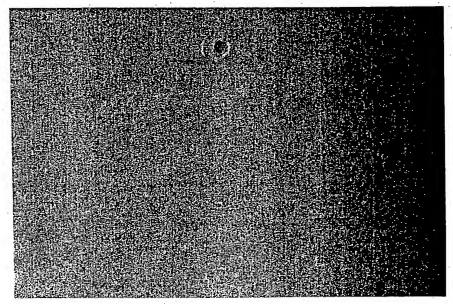


FIG. 13



SURFACE STATE B (250 μ m imes 190 μ m) MORPHOLOGY

FIG. 14



SURFACE STATE A (250 μ m × 190 μ m) MORPHOLOGY

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